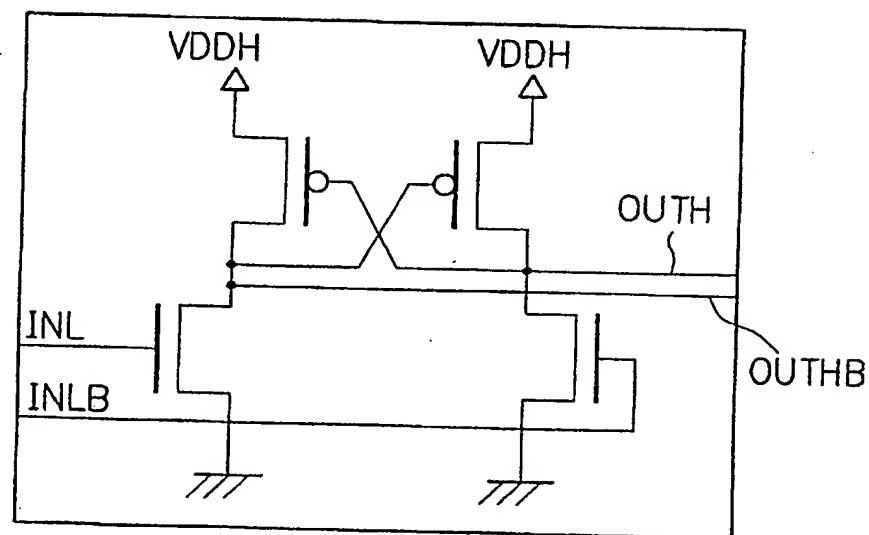


10 533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 1 of 38

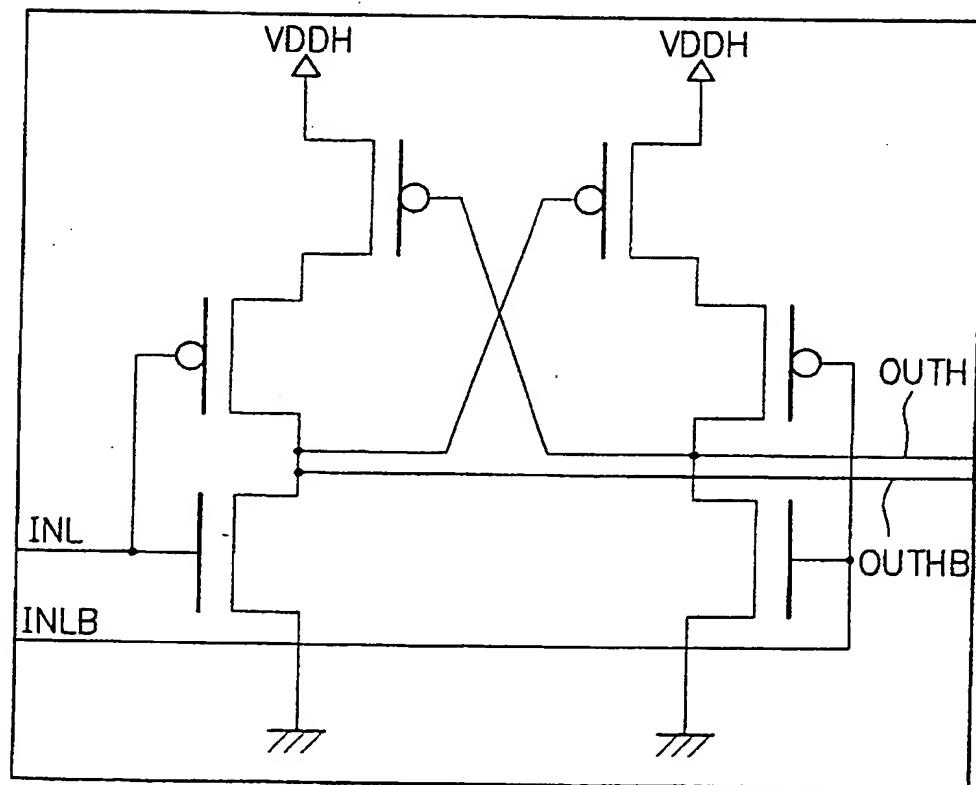
F I G. 1



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 2 of 38

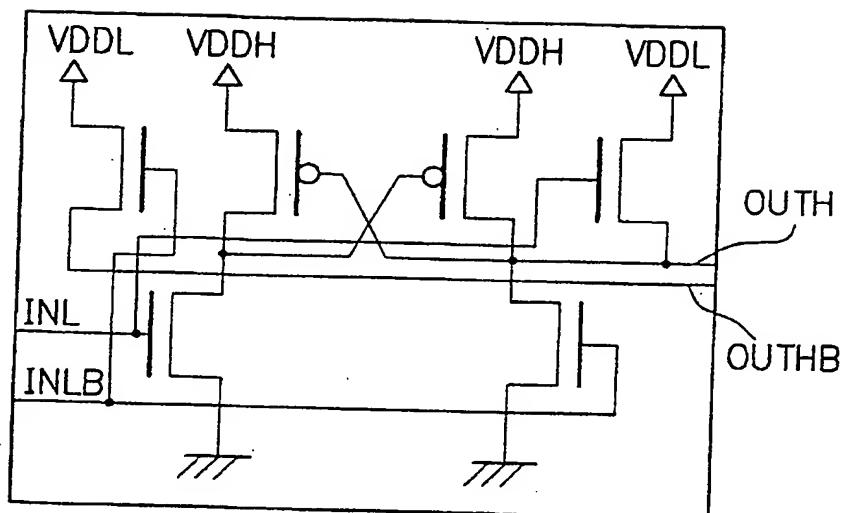
F I G. 2



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 3 of 38

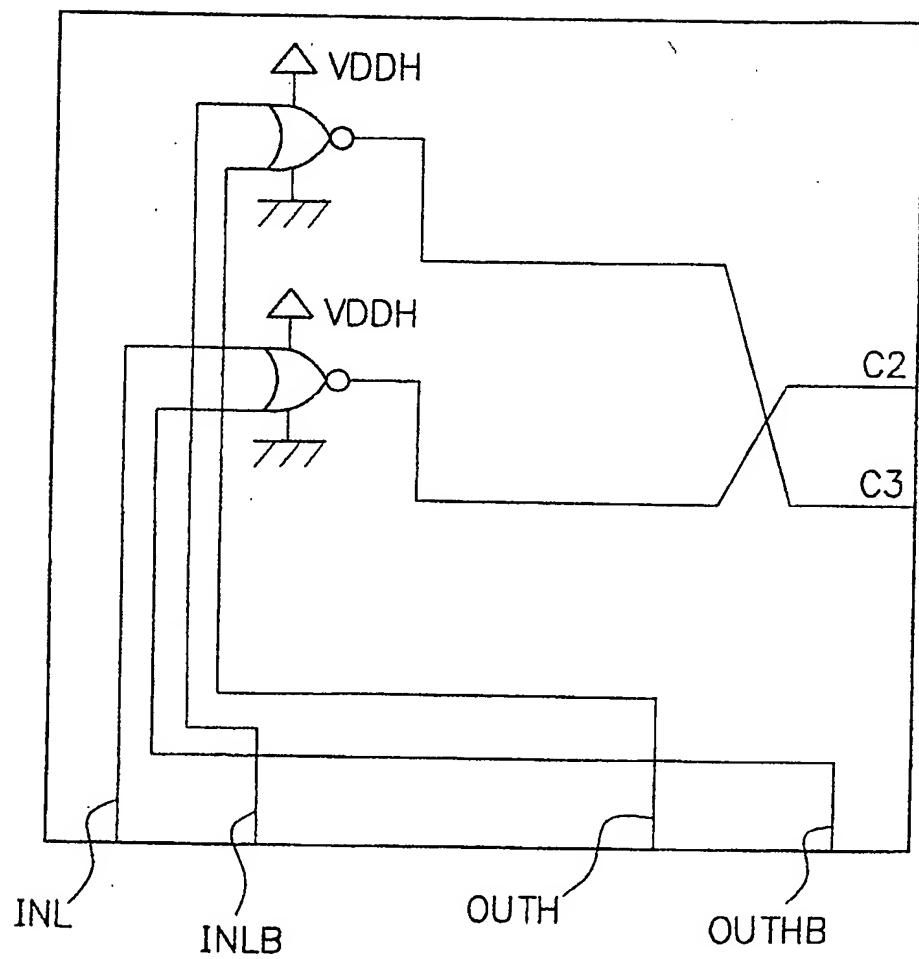
F | G. 3



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 4 of 38

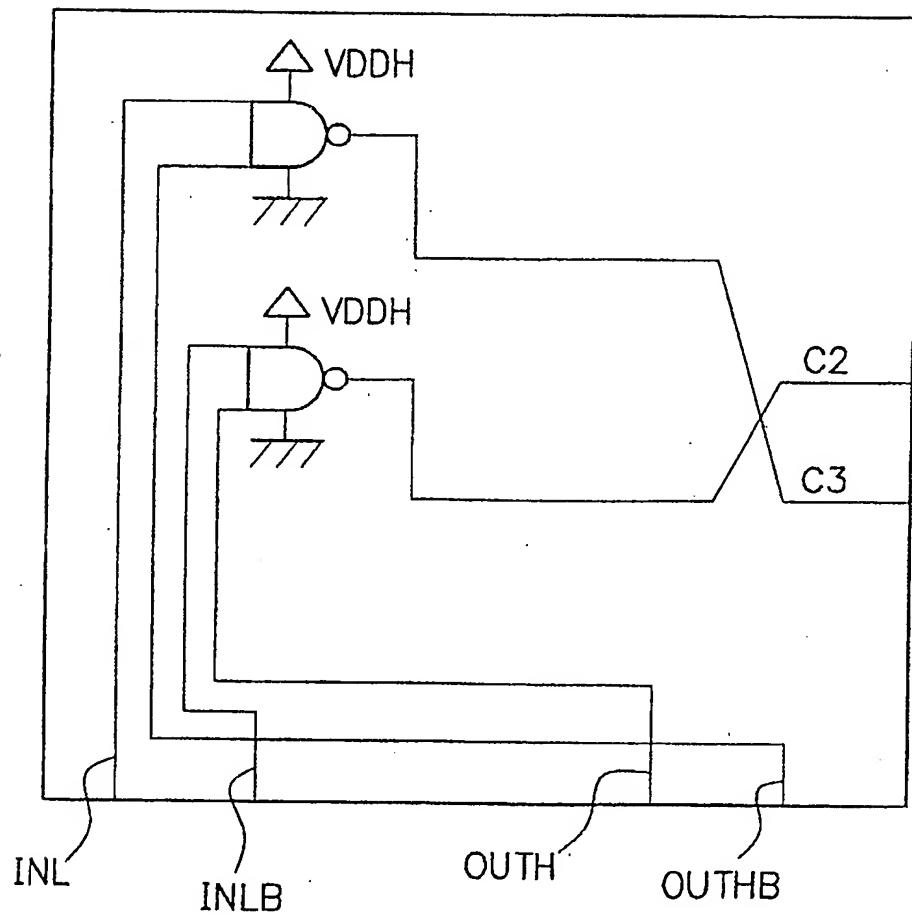
F I G. 4



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 5 of 38

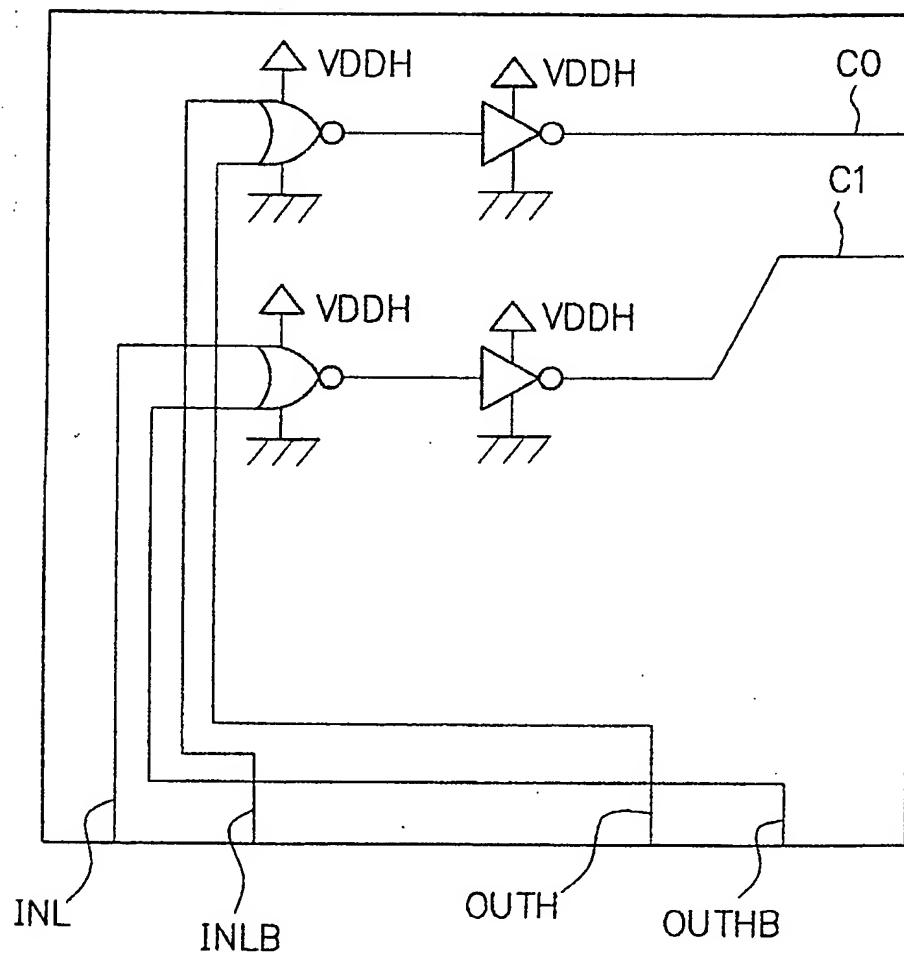
F I G. 5



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 6 of 38

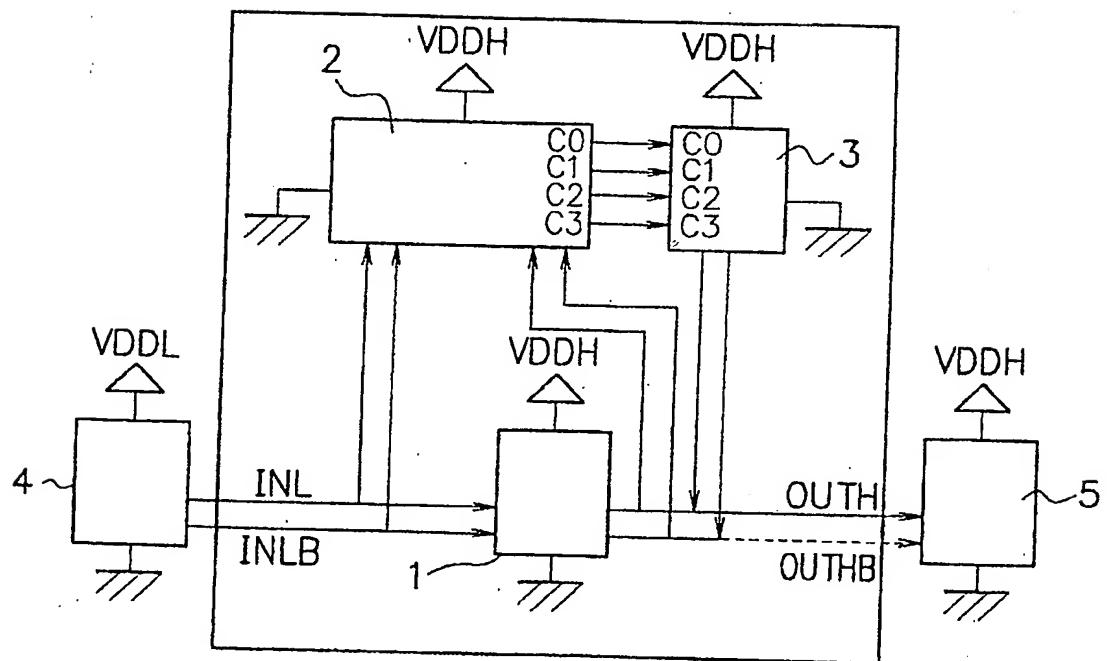
F I G. 6



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 7 of 38

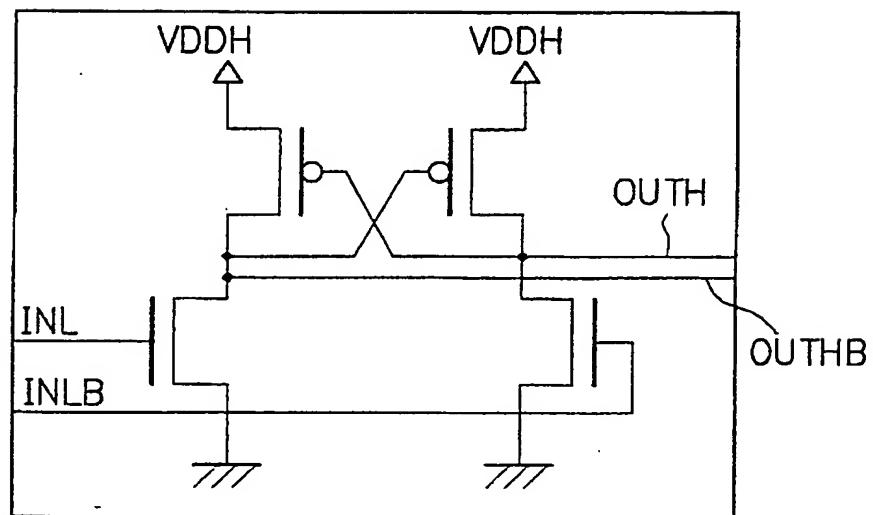
F I G. 7



Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 8 of 38

10/533807

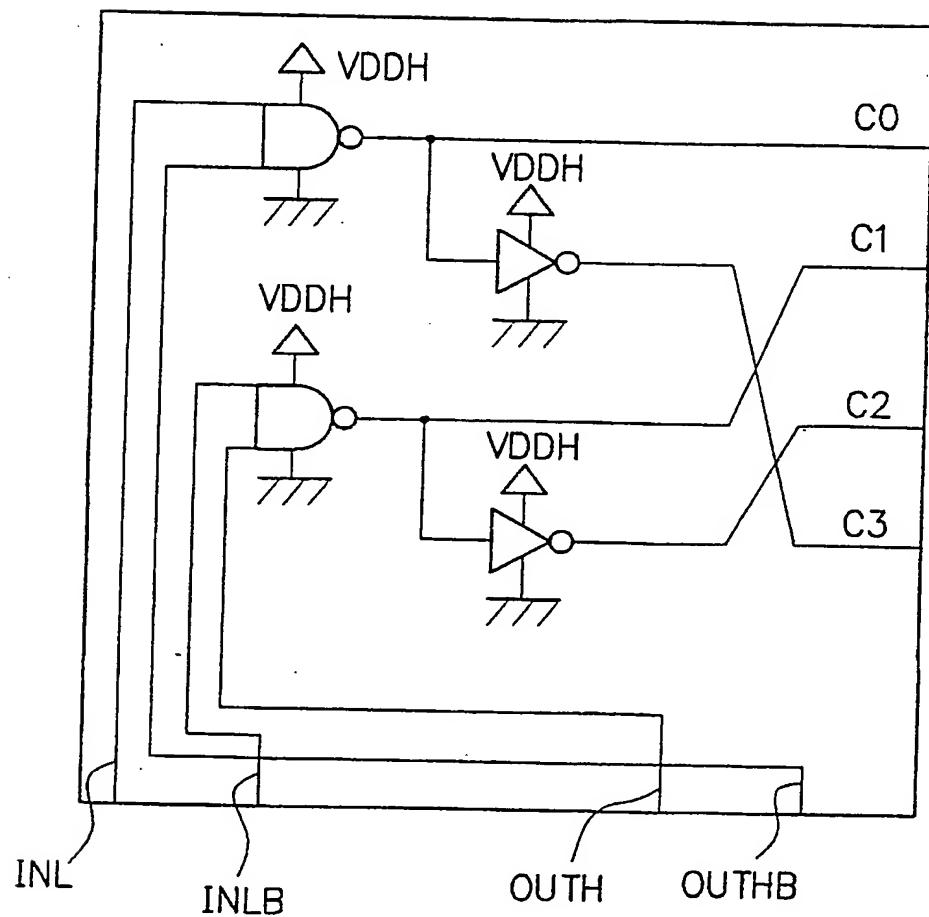
# F I G. 8



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 9 of 38

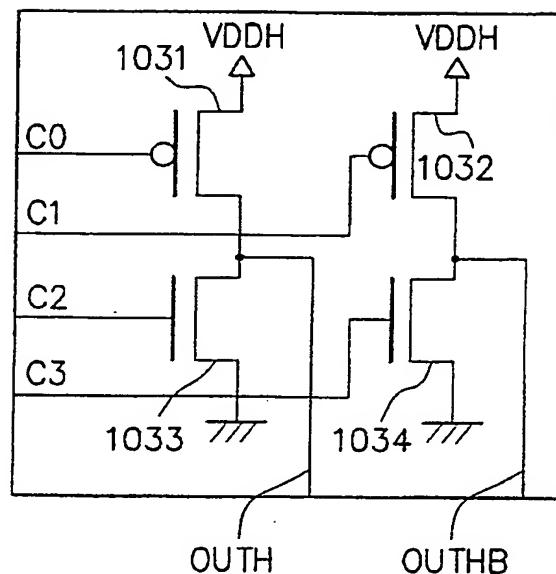
F | G. 9



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 10 of 38

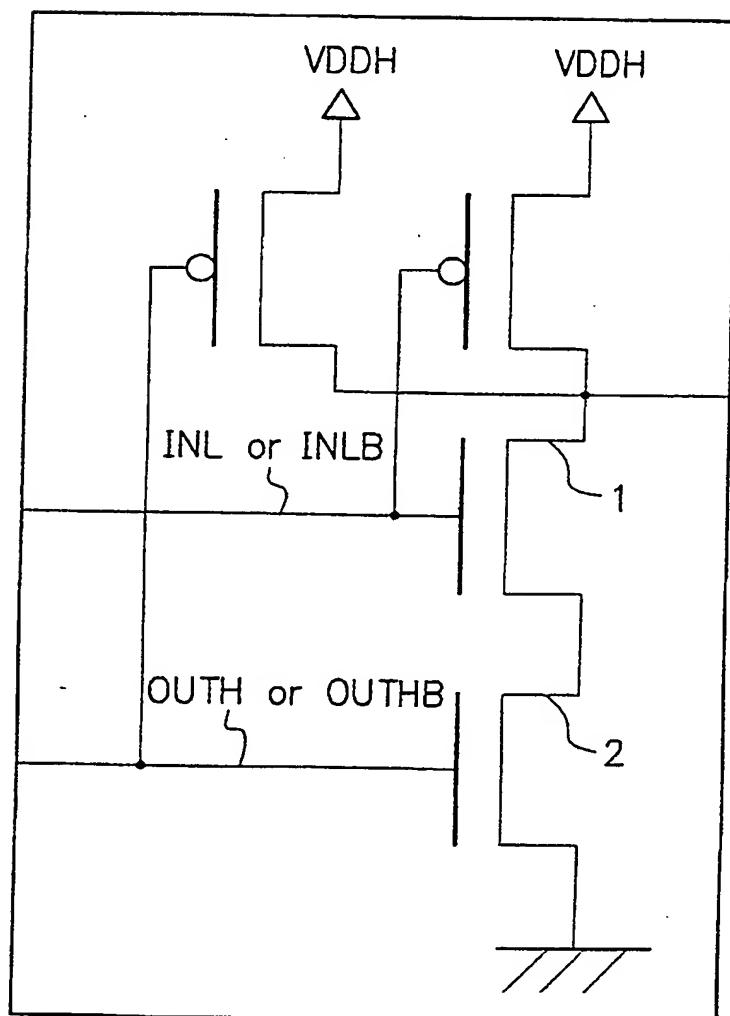
F I G. 10



10 / 533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 11 of 38

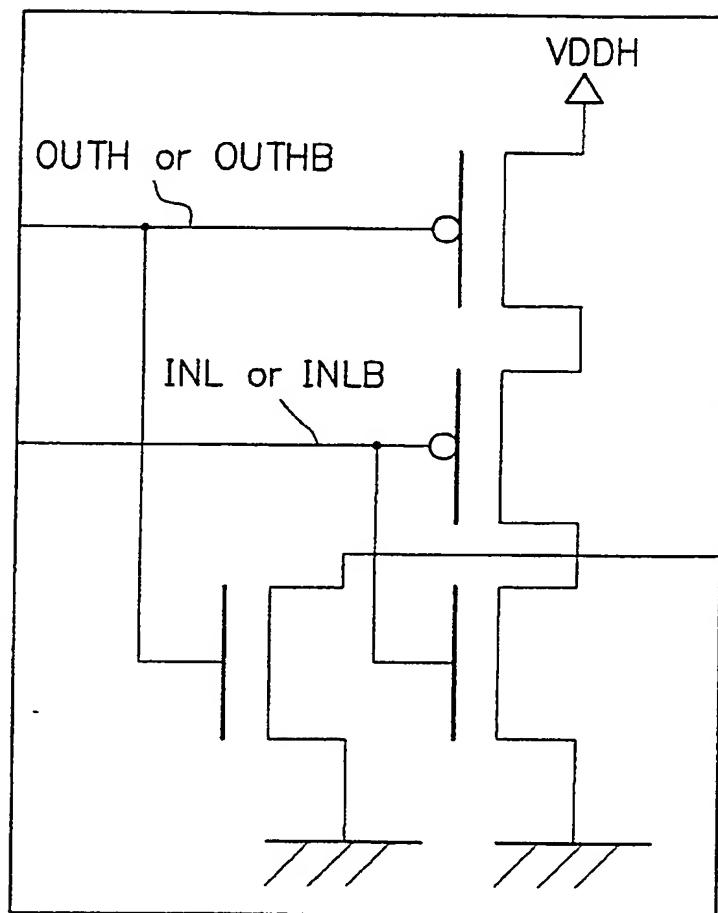
F I G. 11



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 12 of 38

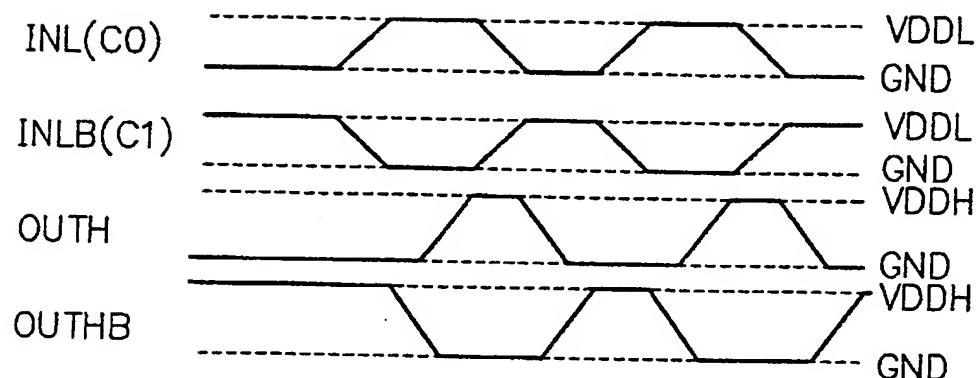
F I G. 12



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 13 of 38

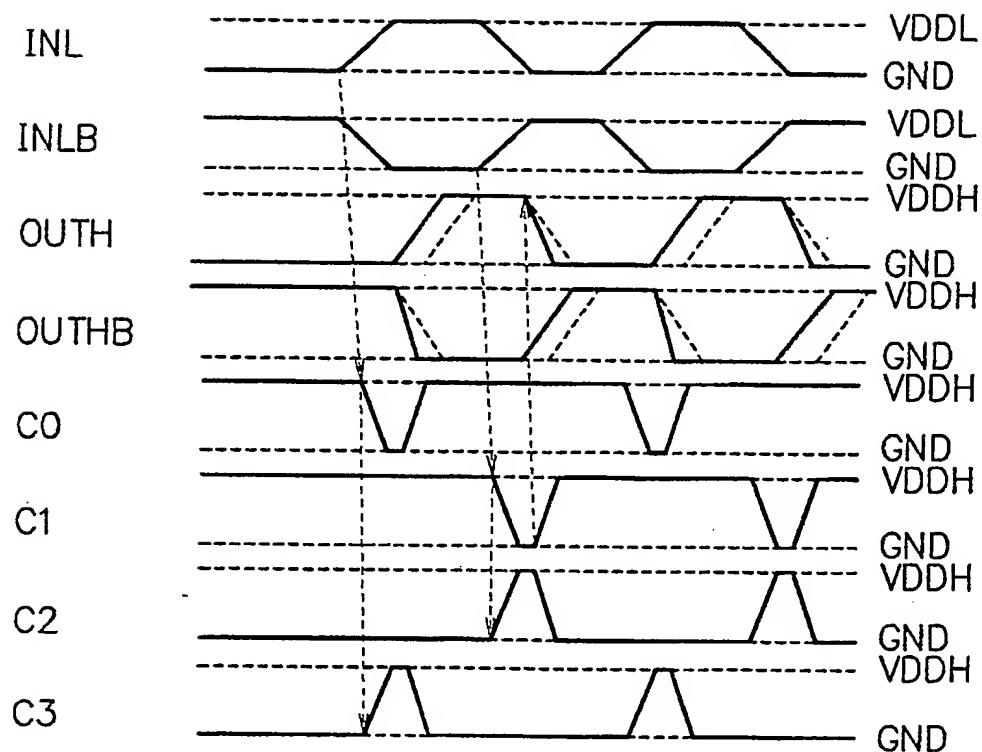
F I G. 13



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 14 of 38

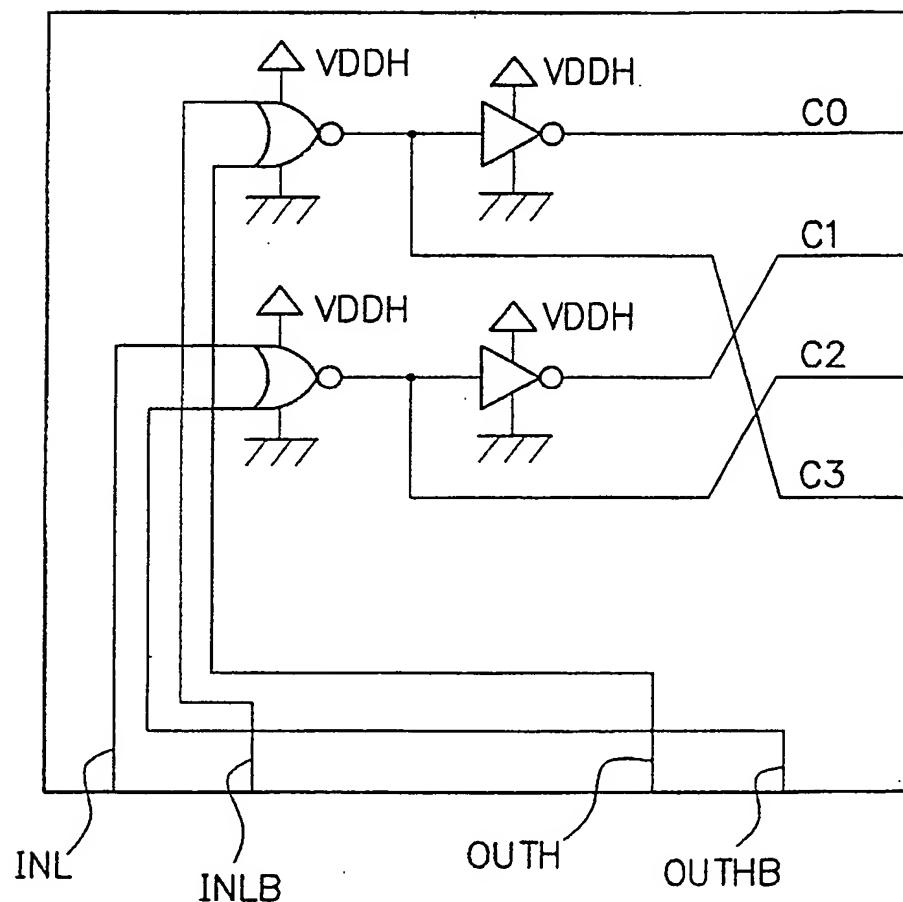
F | G. 14



10/533807

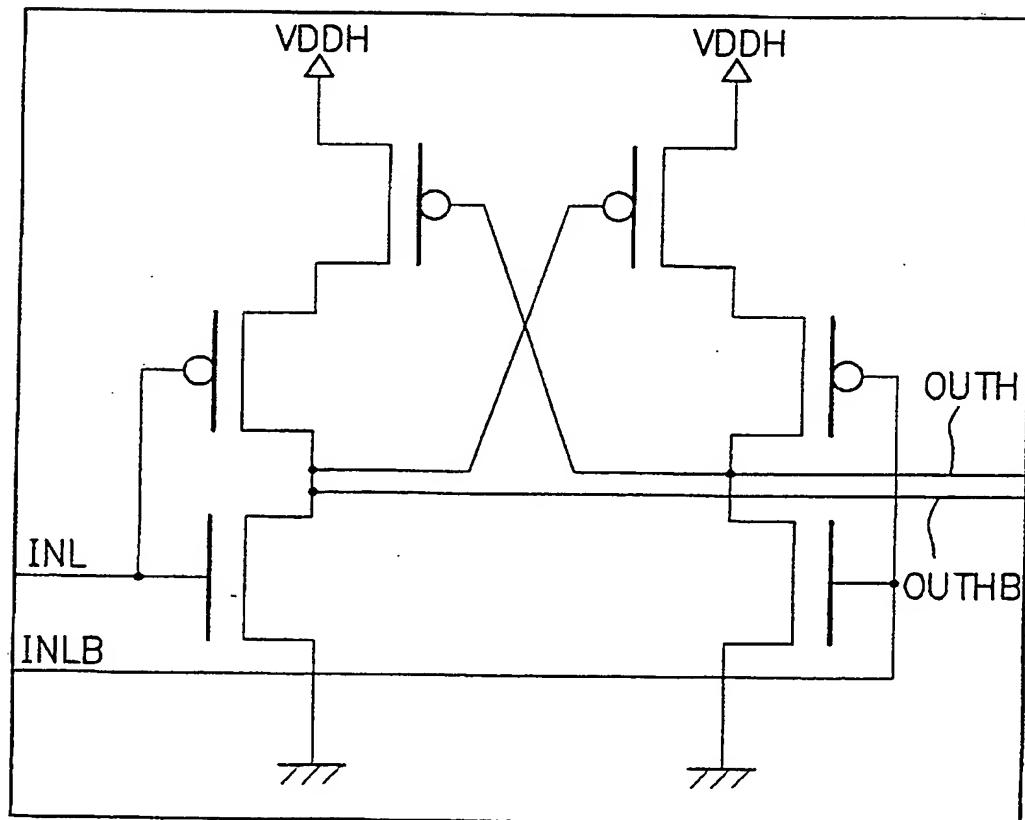
Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 15 of 38

F I G. 15



10 533807  
Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 16 of 38

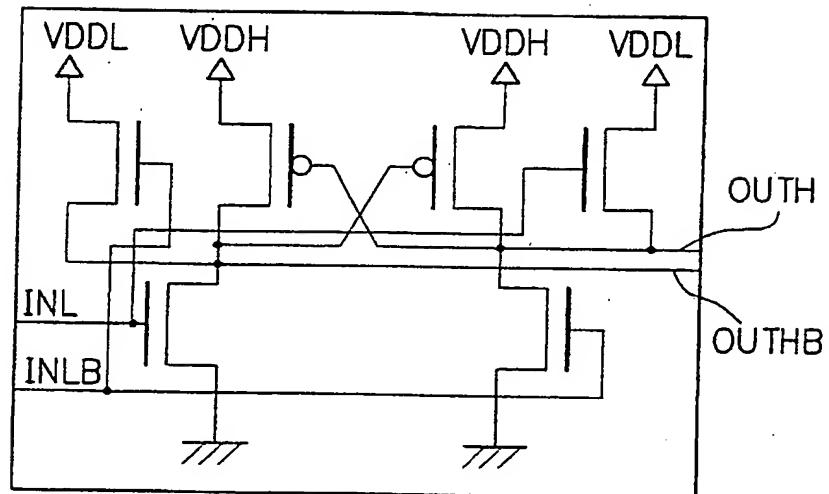
F I G. 16



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 17 of 38

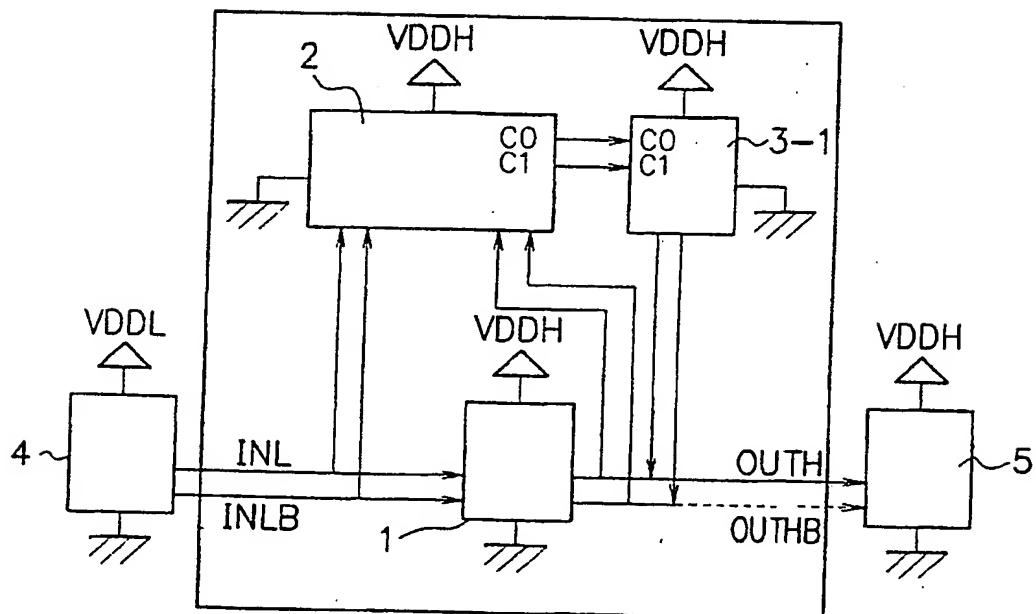
F | G. 17



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 18 of 38

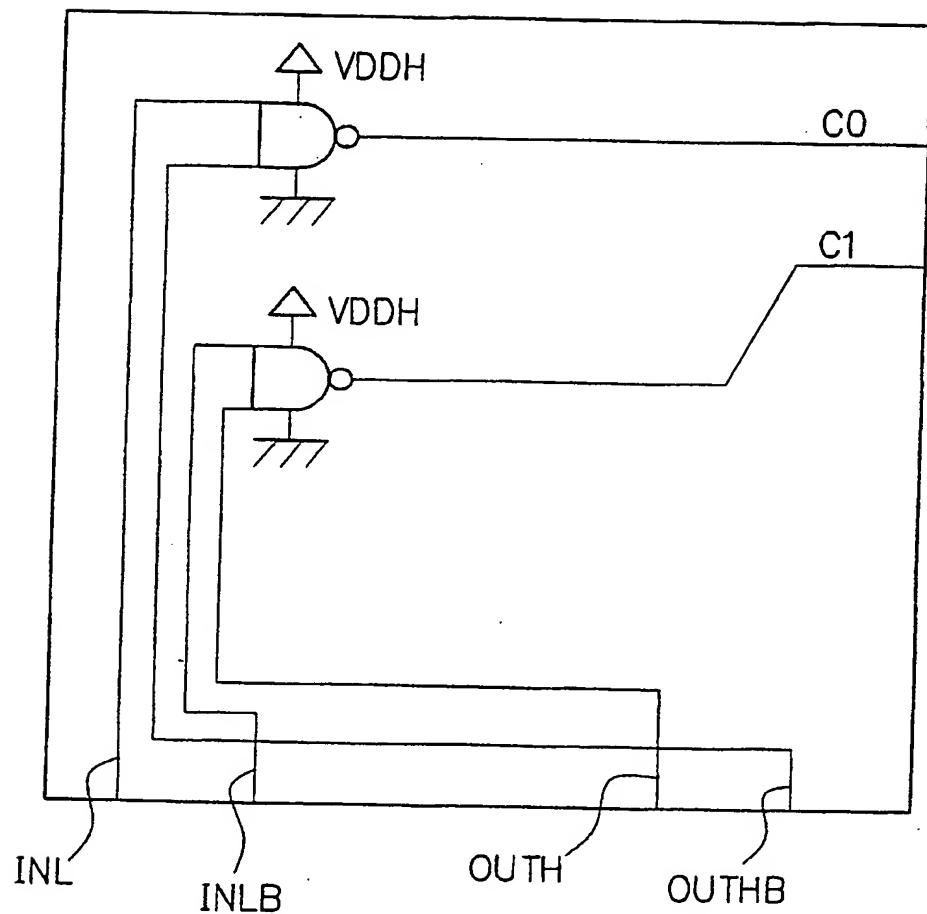
F I G. 18



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 19 of 38

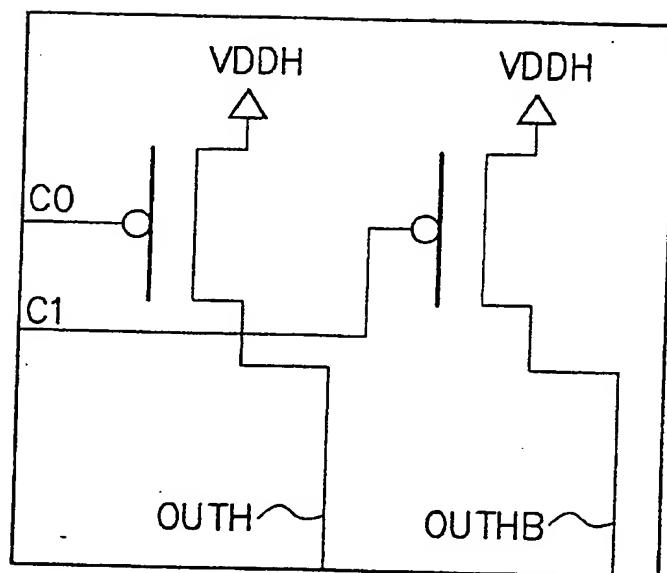
F I G. 19



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 20 of 38

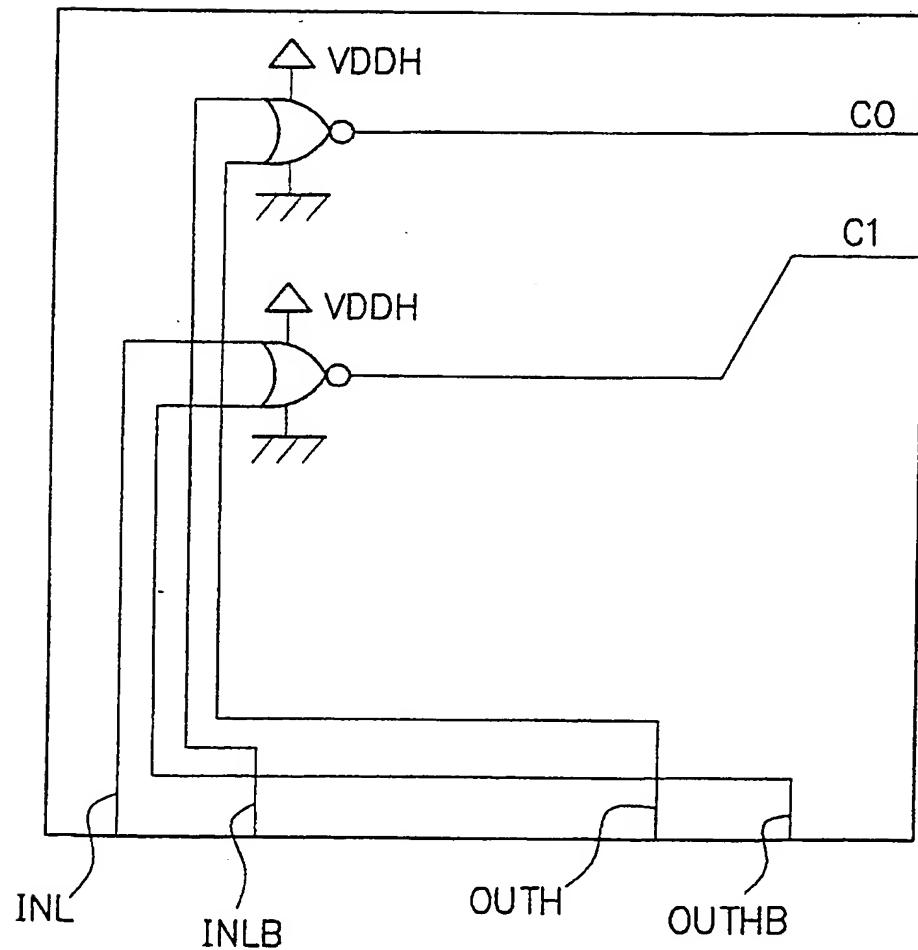
F I G. 20



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 21 of 38

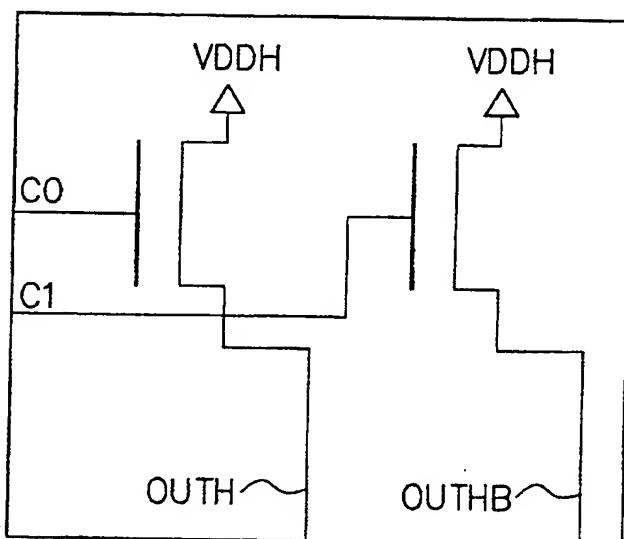
F I G. 21



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 22 of 38

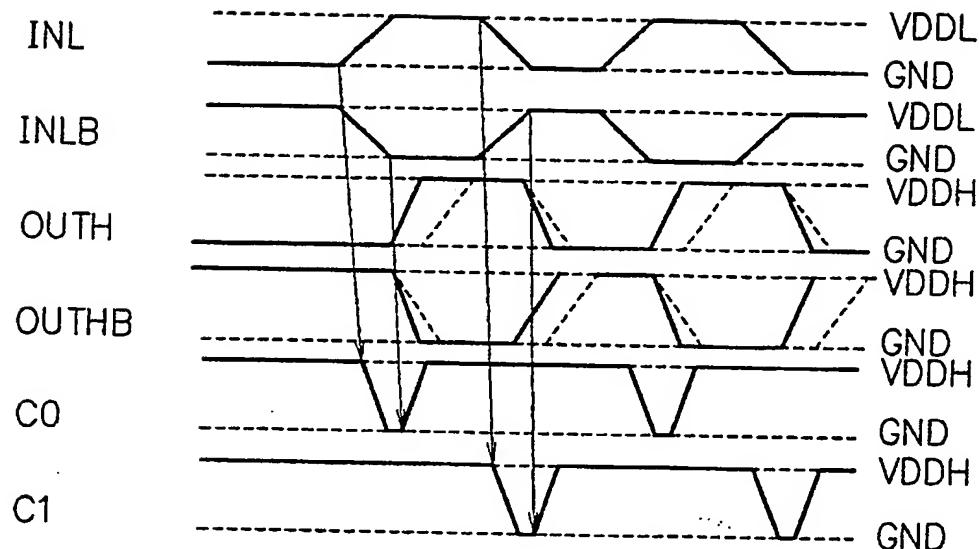
F I G. 22



Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 23 of 38

10/533807

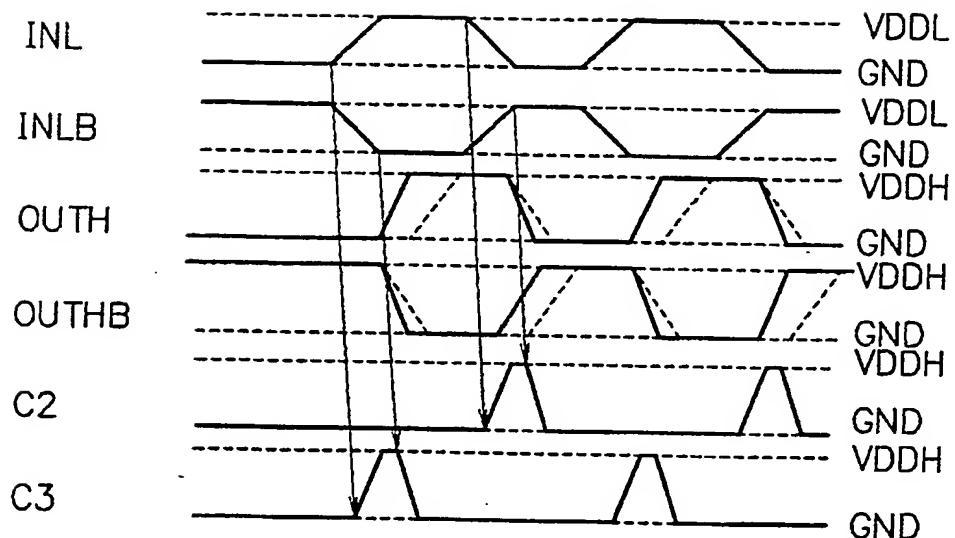
F I G. 23



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 24 of 38

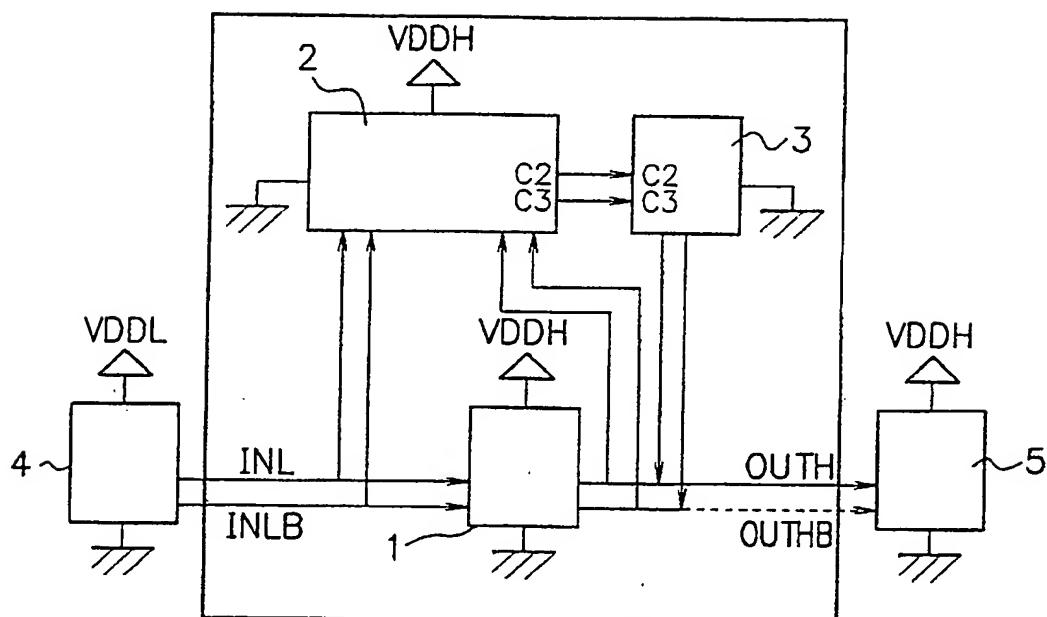
F I G. 24



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 25 of 38

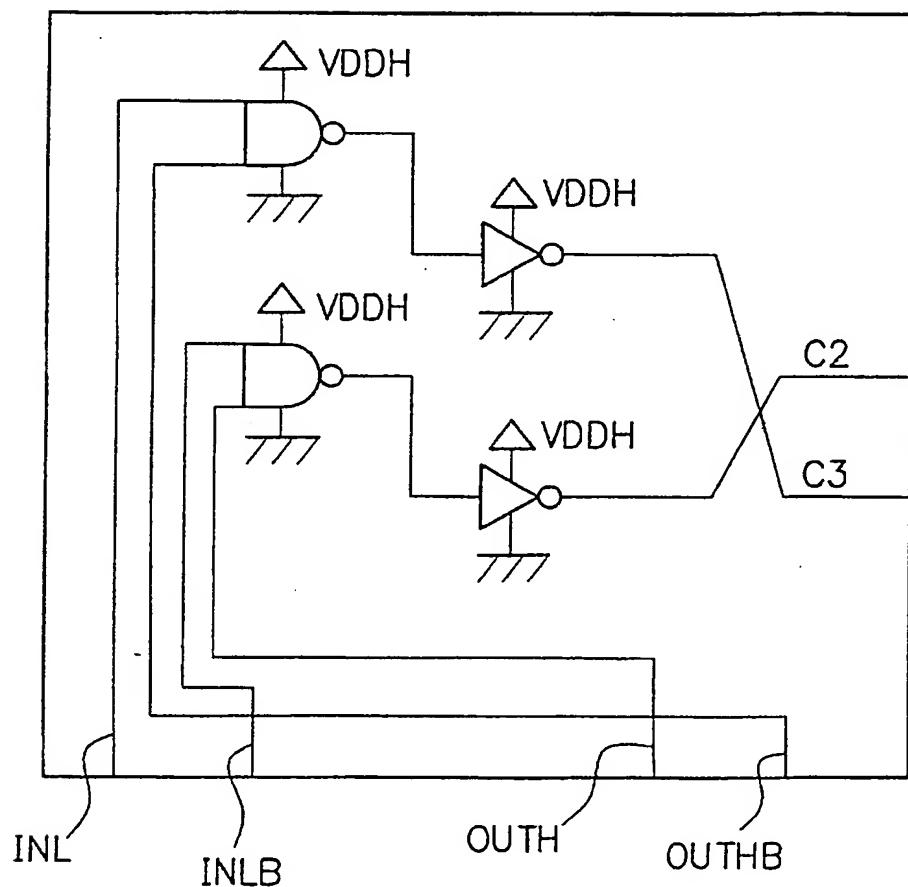
F I G. 25



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 26 of 38

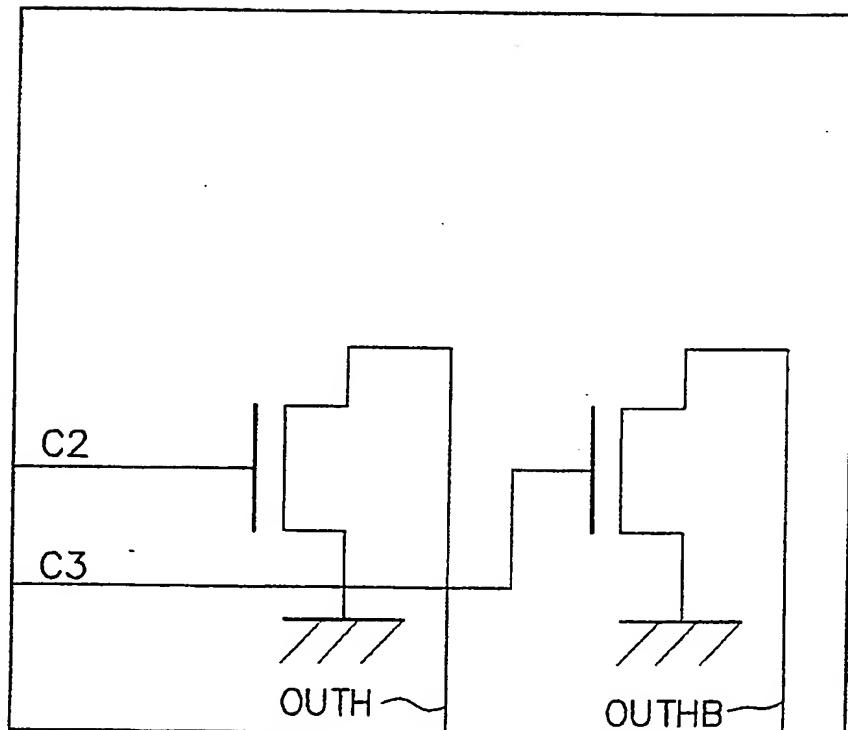
F I G. 26



Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 27 of 38

10/533807

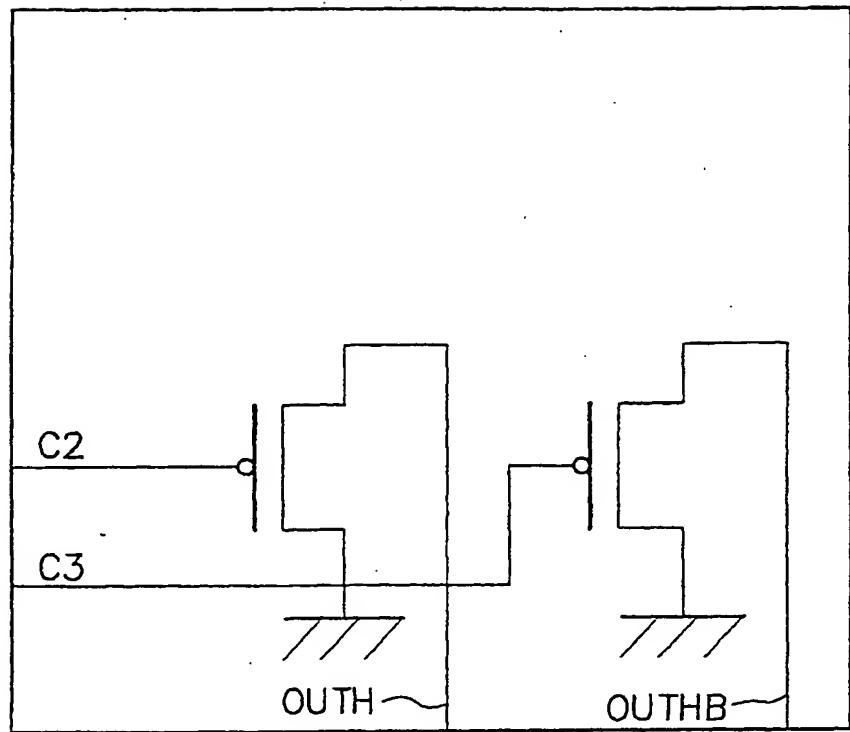
F I G. 27



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 28 of 38

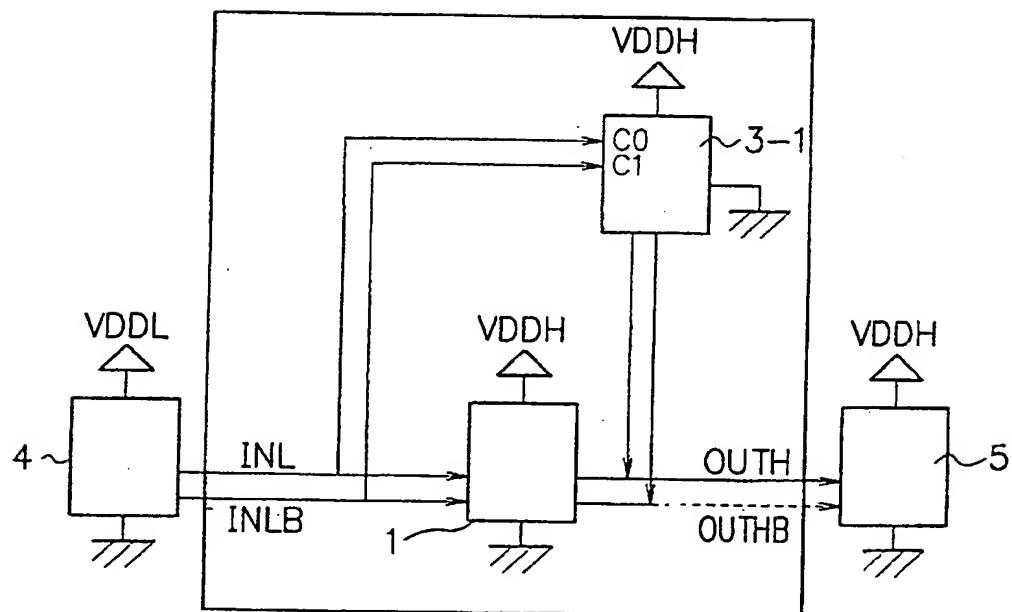
F I G. 28



Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 29 of 38

10/533807

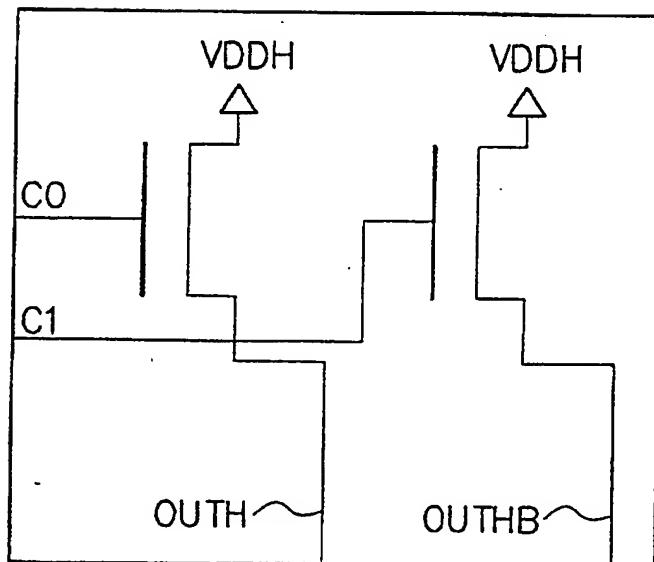
F I G. 29



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 30 of 38

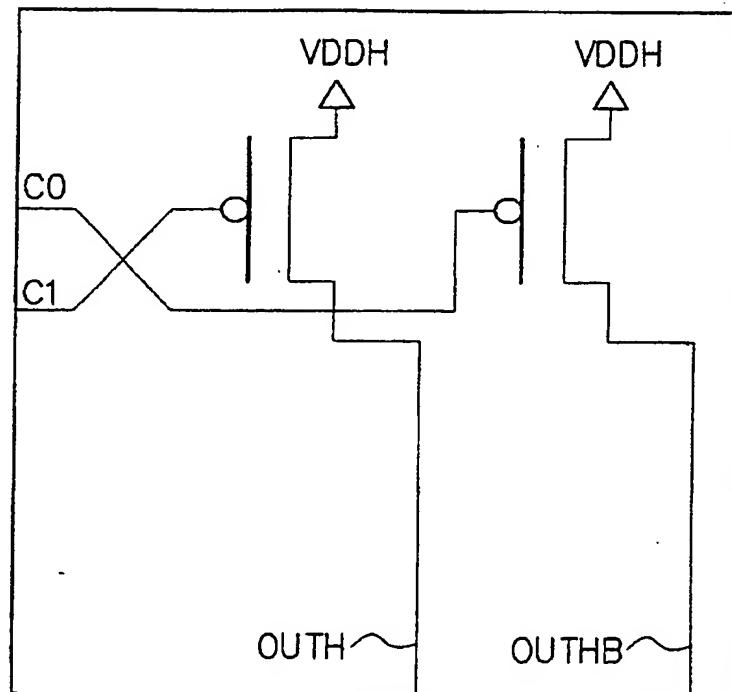
F I G. 30



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 31 of 38

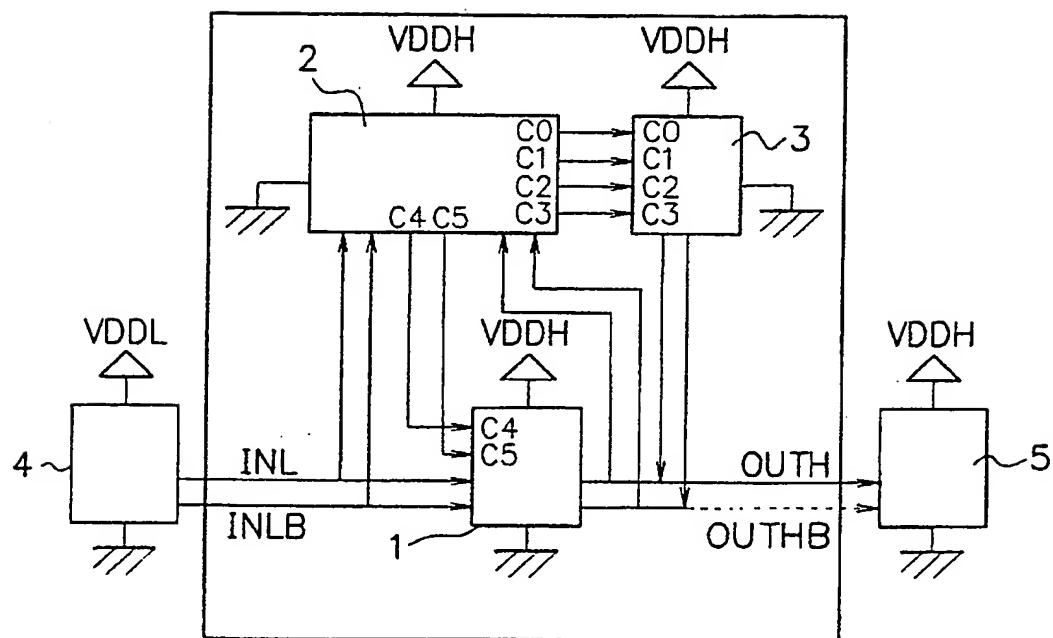
F I G. 31



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney-Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 32 of 38

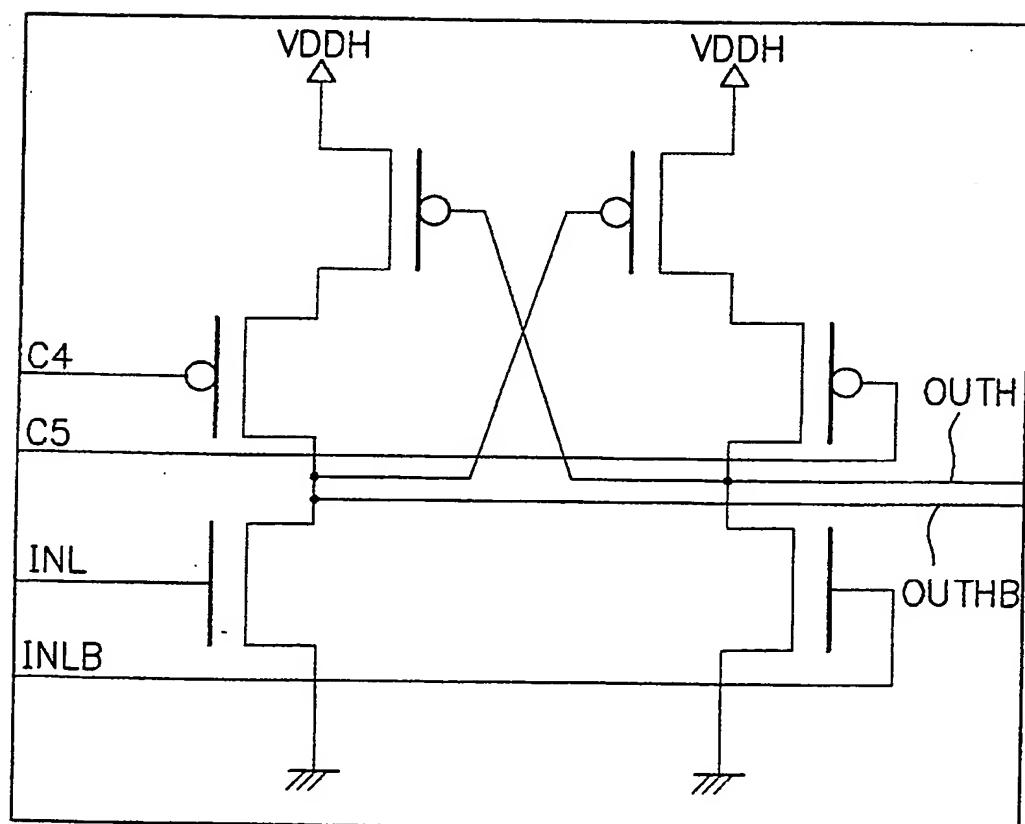
F I G. 32



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 33 of 38

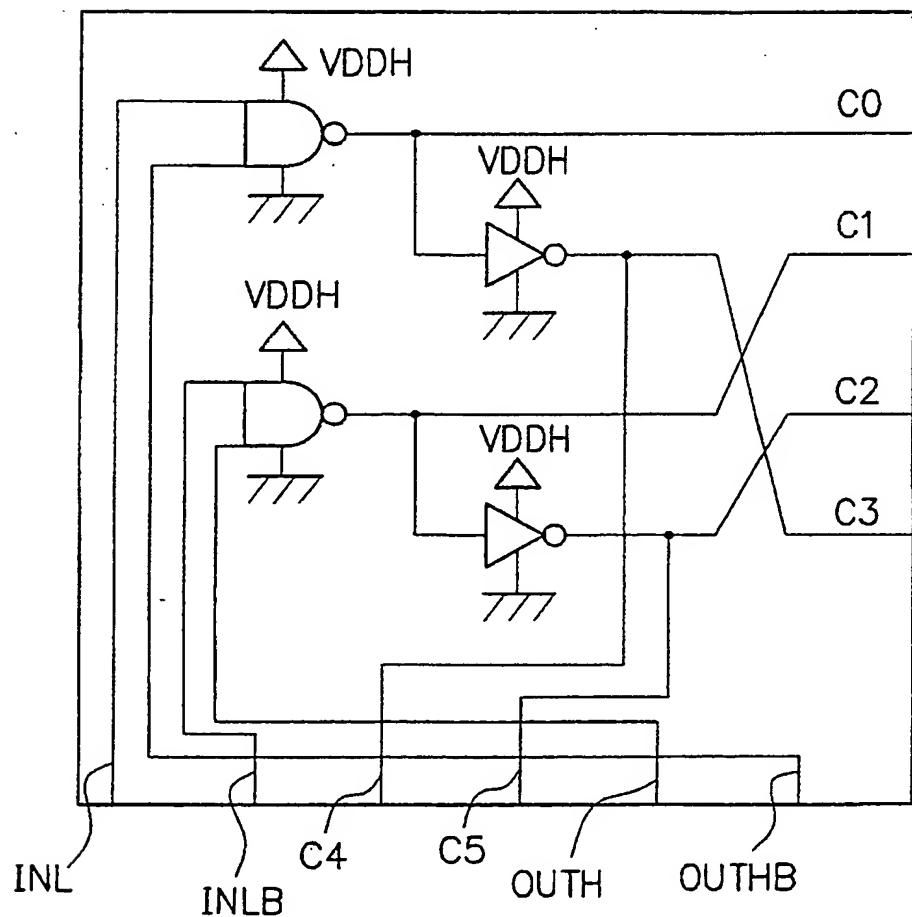
F I G. 33



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 34 of 38

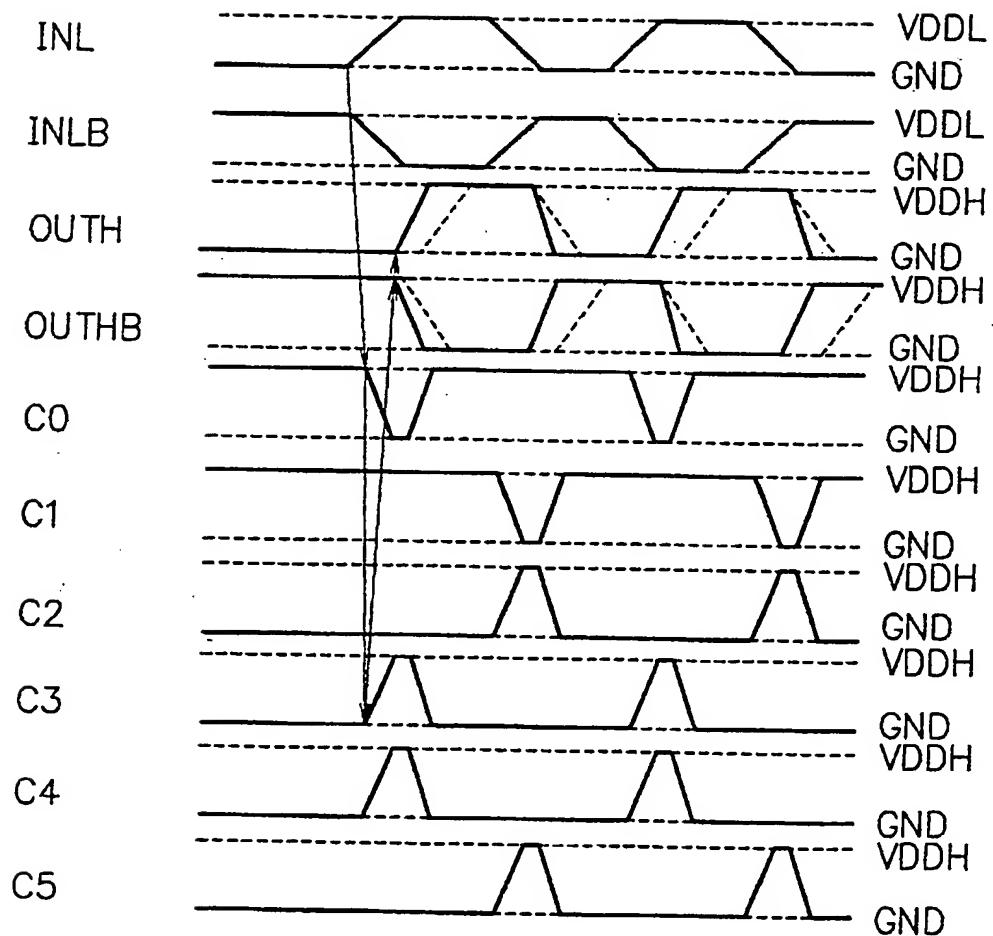
F I G. 34



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 35 of 38

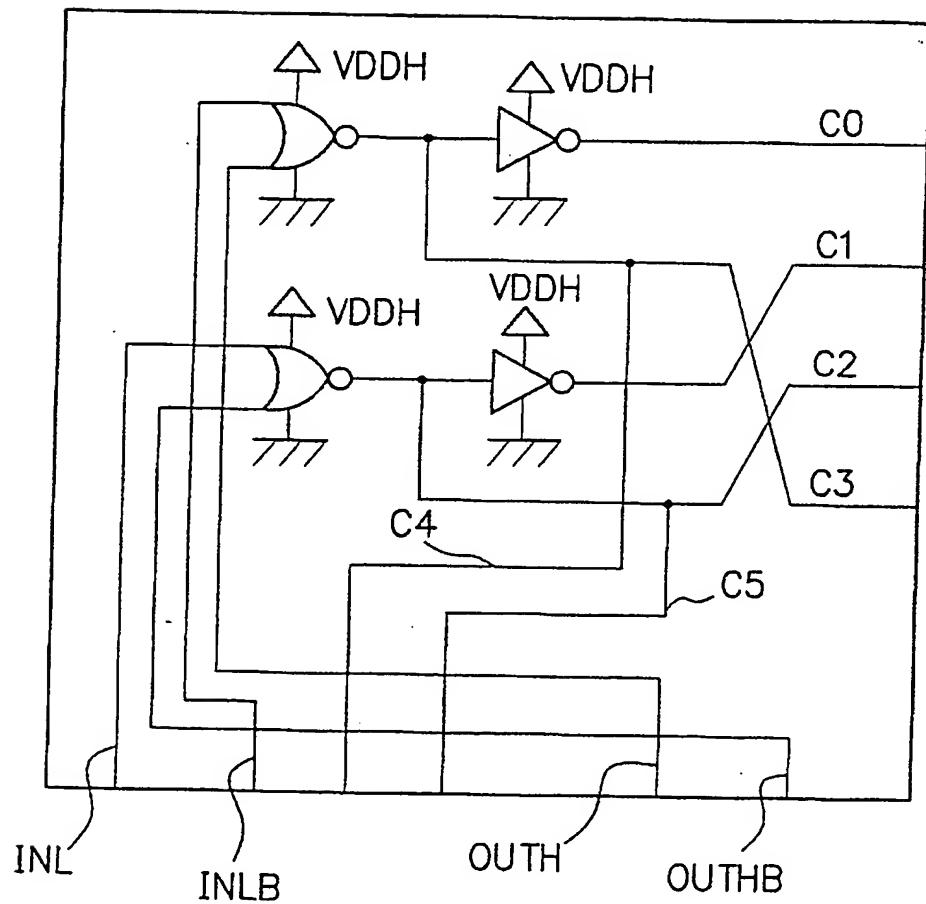
F I G. 35



Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 36 of 38

10/533807

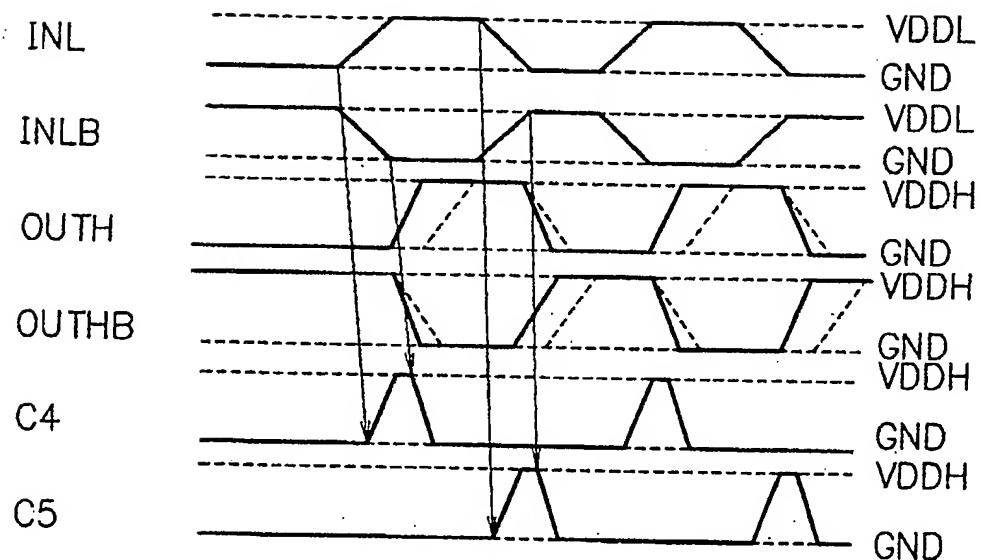
F I G. 36



10/533807

Masahiro NOMURA  
LEVEL SHIFT CIRCUIT  
Filed: May 5, 2005  
Attorney Docket No.: Q87901  
Telephone No. 202-293-7060  
Sheet 37 of 38

F I G. 37



10/533807

F I G. 38

